

CLAIMS

1. A boring tool for a bone, particularly the proximal femur, comprising an elongate shank, a boring portion at the front end, and a drive portion for a rotary driving device at the rear end of the shank wherein the tool has an axial through bore for receiving a guide wire, said tool adjacent said shank so rear end has at least one window open to the bore.

2. The boring tool as set forth in claim 1 wherein the window extends parallel to the axial bore.

3. The boring tool as set forth in claim 1 wherein the window is formed closest to the drive portion than the boring portion at the front end.

4. The boring tool as set forth in claim 1 wherein both diametrically opposed sides of the shank have formed therein windows which are open to the axial bore.

5. The boring tool as set forth in claim 4 wherein the two windows extend in parallel.

6. The boring tool as set forth in claim 4 wherein said windows are formed closer to said drive end than said front end.

7. A system for forming a channel in a bone comprising:

a guide wire;

a tool having a wall surrounding an axial bore for receiving said guide wire, said tool having a first end including a cutting element and a second end for connection to a power source, said wall adjacent said drive end having

an open therethrough in communication with said bore for viewing said guide wire.

8. The system as set forth in claim 7 wherein said opening is in the form of an elongated slot.

9. The system as set forth in claim 8 wherein a pair of elongated slots are located on opposite sides of said wall.

10. A method for guiding a body tissue cutting tool over a guide wire comprising:

inserting a guide wire into the tissue;

placing a cutting tool having an axial bore for receiving said guide wire over the guide wire, said cutting tool having a cutting element at a first end, a connecting element for connection to a rotary power source at a second end and a window adjacent said second end open to said bore;

rotating said tool and advancing said tool over said guide wire to form an opening in said tissue; and

viewing said guide wire through said window to ensure said cutting tool is advancing with respect to said guide wire.

11. The method as set forth in claim 10 wherein said window is in the form of an elongated slot.

12. The method as set forth in claim 11 wherein a pair of elongated slots are located on opposite sides of said wall.

13. The method as set forth in claim 10 further including the steps of removing a first guide wire from the

tool if the guide wire and the tool appear to be advancing in unison.

14. The method as set forth in claim 13 further including the step of replacing a second guide wire through said tool into said tissue after the removal of said first guide wire.

15. A bone cutting tool comprising:
an elongated body having a leading end and a trailing end and an axial bore therethrough surrounded by a wall, said bore for receiving a guide wire, said leading end having a bore forming tool thereon and said trailing end having an aperture through said wall and open to said bore.

16. The bone cutting tool as set forth in claim 15 wherein the aperture extends parallel to the axial bore.

17. The bone cutting tool as set forth in claim 16 wherein both diametrically opposed sides of the shank have formed therein apertures which are open to the axial bore.

18. The bone cutting tool as set forth in claim 17 wherein the two apertures extend in parallel.